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FIG. 1

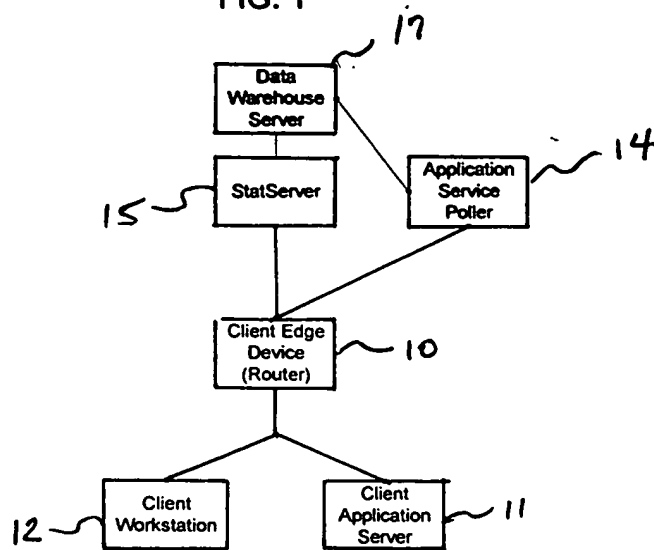
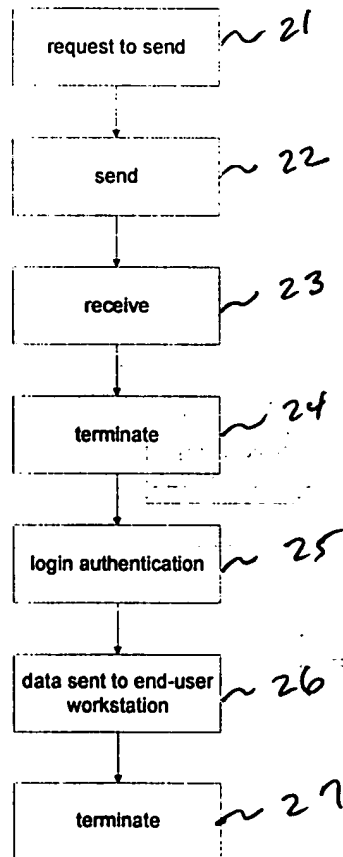


FIG. 2



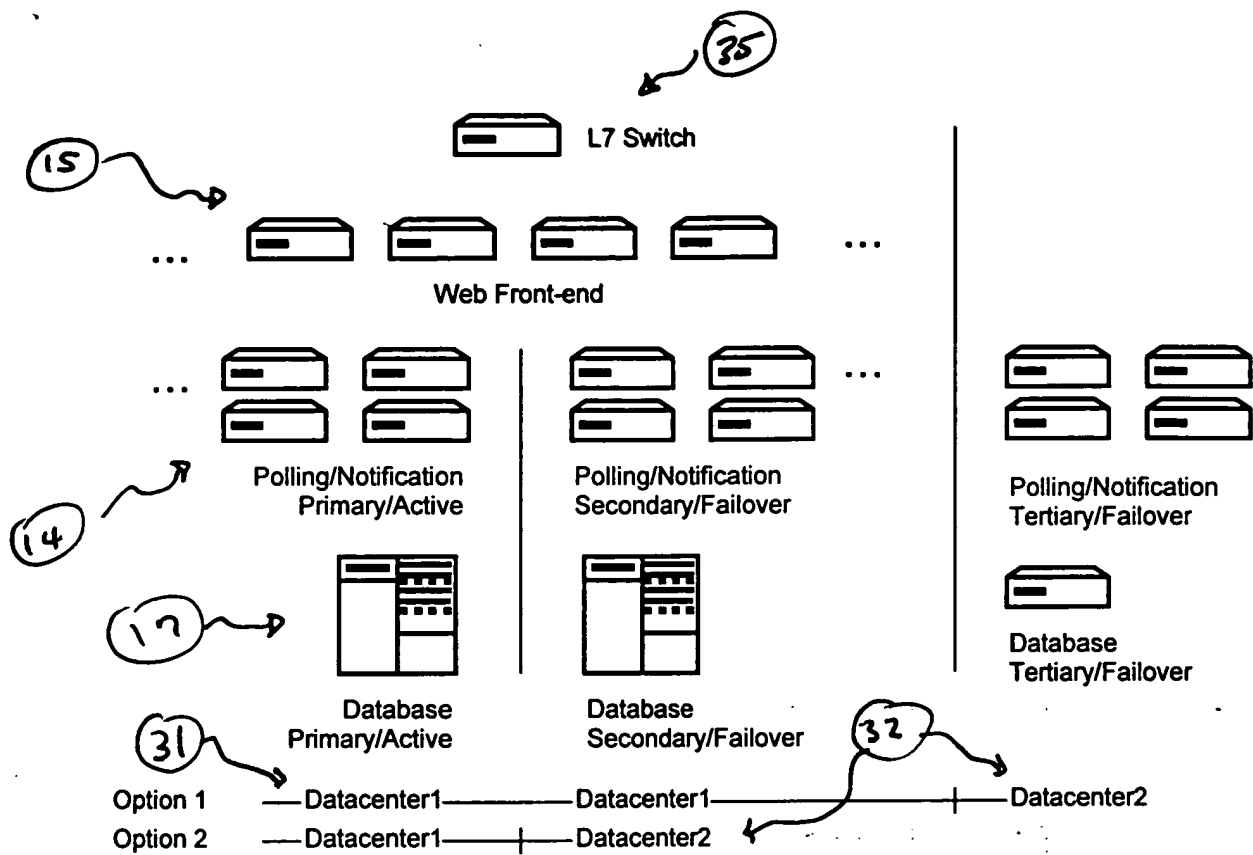


FIG. 3

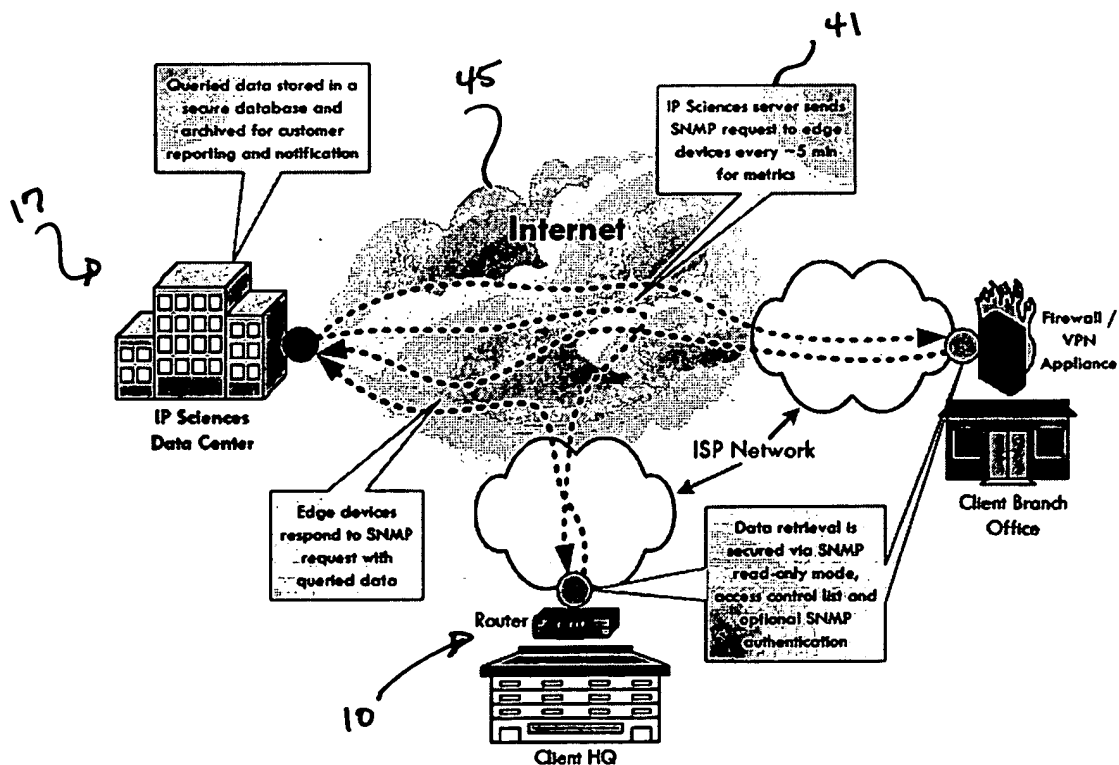
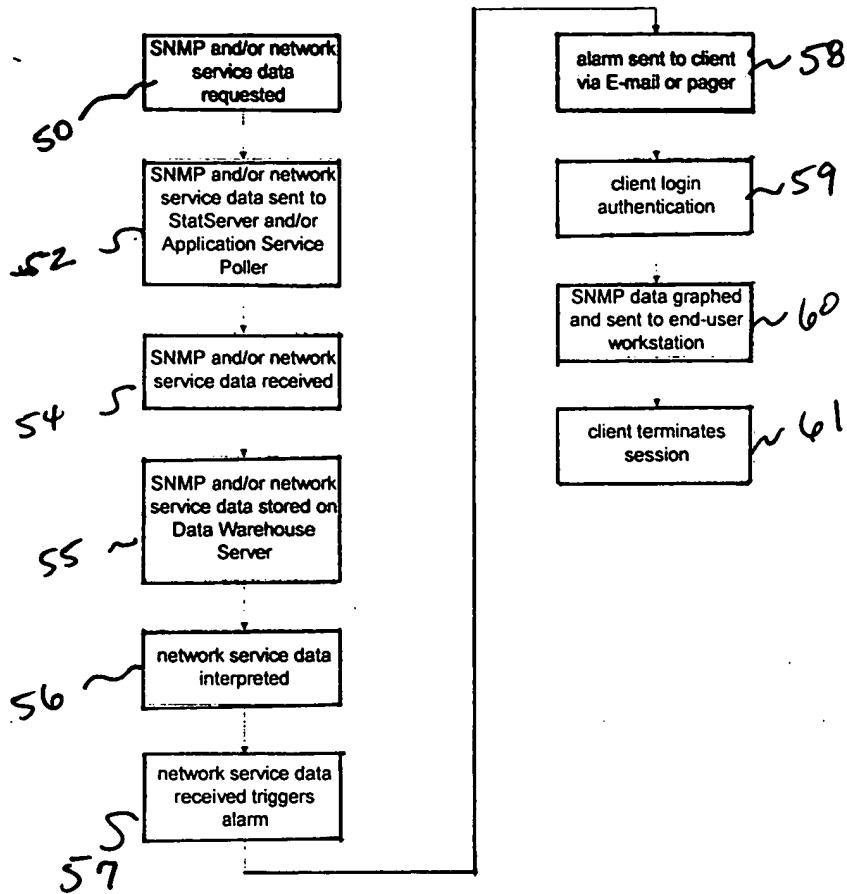


FIG. 4

FIG. 5



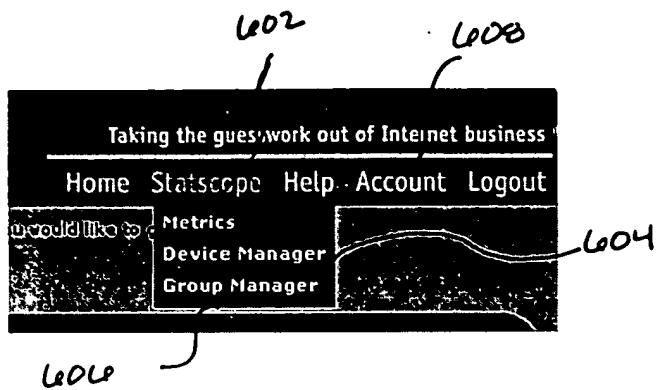


FIG. 6



FIG. 7

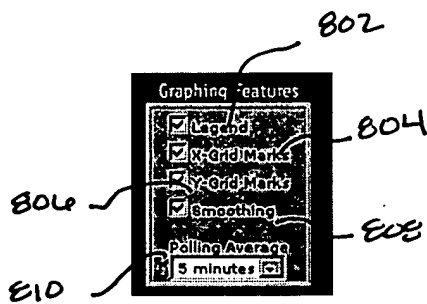


FIG. 8

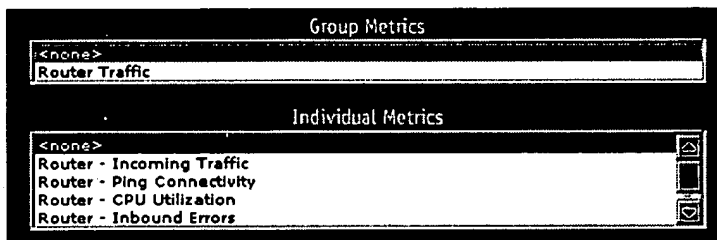


FIG. 9

Edit Monitor

Functionality

Polling: ☒

Notifications: ☐

Primary Contact

Primary Email:

Primary Pager:

Secondary Contact

Email:

Pager:

Tertiary Contact

Email:

Pager:

Escalation Delay

Primary Level: 0

Secondary Level: 0

Tertiary Level: 0

Thresholds:

High: -1

Low: -1

FIG. 10

Devices

Alias	IP Address	ISP	Type	Location	Monitors			
					Alias	Type	Polling	Alerts
<input checked="" type="checkbox"/>	Cisco Router	64.38.175.161	Verio	Router	Seattle, WA	<input checked="" type="checkbox"/> CPU Utilization	snmp	<input type="checkbox"/>
						<input checked="" type="checkbox"/> Inbound Errors	snmp	<input type="checkbox"/>
						<input checked="" type="checkbox"/> Incoming Traffic	snmp	<input type="checkbox"/>
						<input checked="" type="checkbox"/> Outbound Errors	snmp	<input type="checkbox"/>
						<input checked="" type="checkbox"/> Outgoing Traffic	snmp	<input type="checkbox"/>
						<input checked="" type="checkbox"/> Ping Connectivity	connectivity	<input type="checkbox"/>
					<input type="button" value="Edit Device"/> <input type="button" value="Edit Monitor"/>			

1102

FIG. 11

Add Group

Group Alias:

Edit Groups

Group Alias:

Cisco Router - Incoming Traffic
Cisco Router - CPU Utilization
Cisco Router - Inbound Errors
Cisco Router - Outbound Errors

Preview Group

Group Alias:

Delete Group

Group Alias:

FIG. 12

Technical Contact		Billing Contact	
Name:	Brian Mansell	Name:	Brian Mansell
Email Address:	brian.mansell@ipsdences.com	Email Address:	brian.mansell@ipsdences.com
Phone Number:	206-679-1949	Phone Number:	206-679-1949
Mobile Number:	206-679-1949	Mobile Number:	206-679-1949
		Address:	2566 14th Ave W #5
		Address (Optional):	
		City, State:	Seattle, WA
		Zip Code:	98119

Name:

Email Address:

Phone Number:

Mobile Number:

Address:

Address (Optional):

City, State:

Zip Code:

FIG. 13

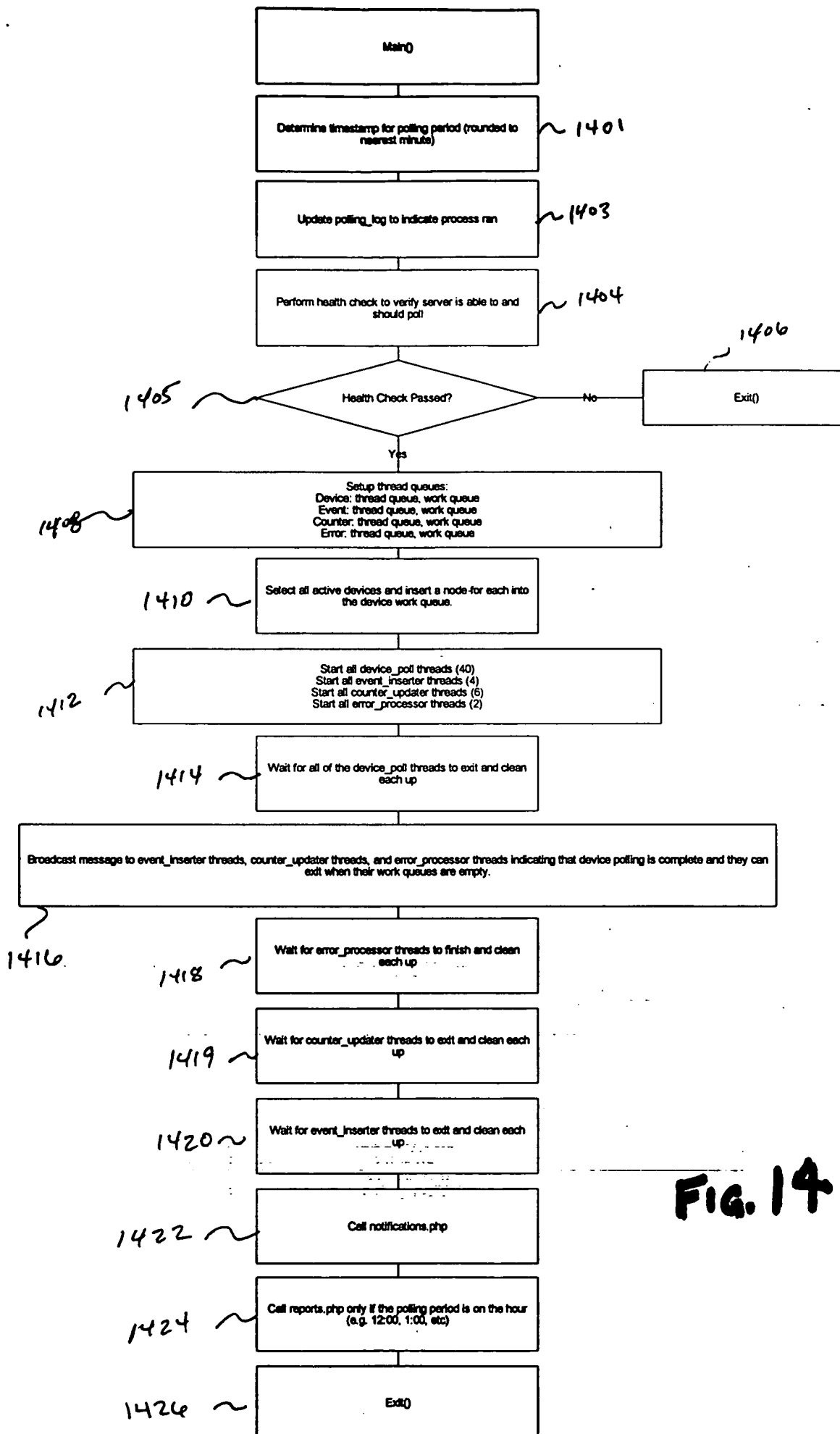
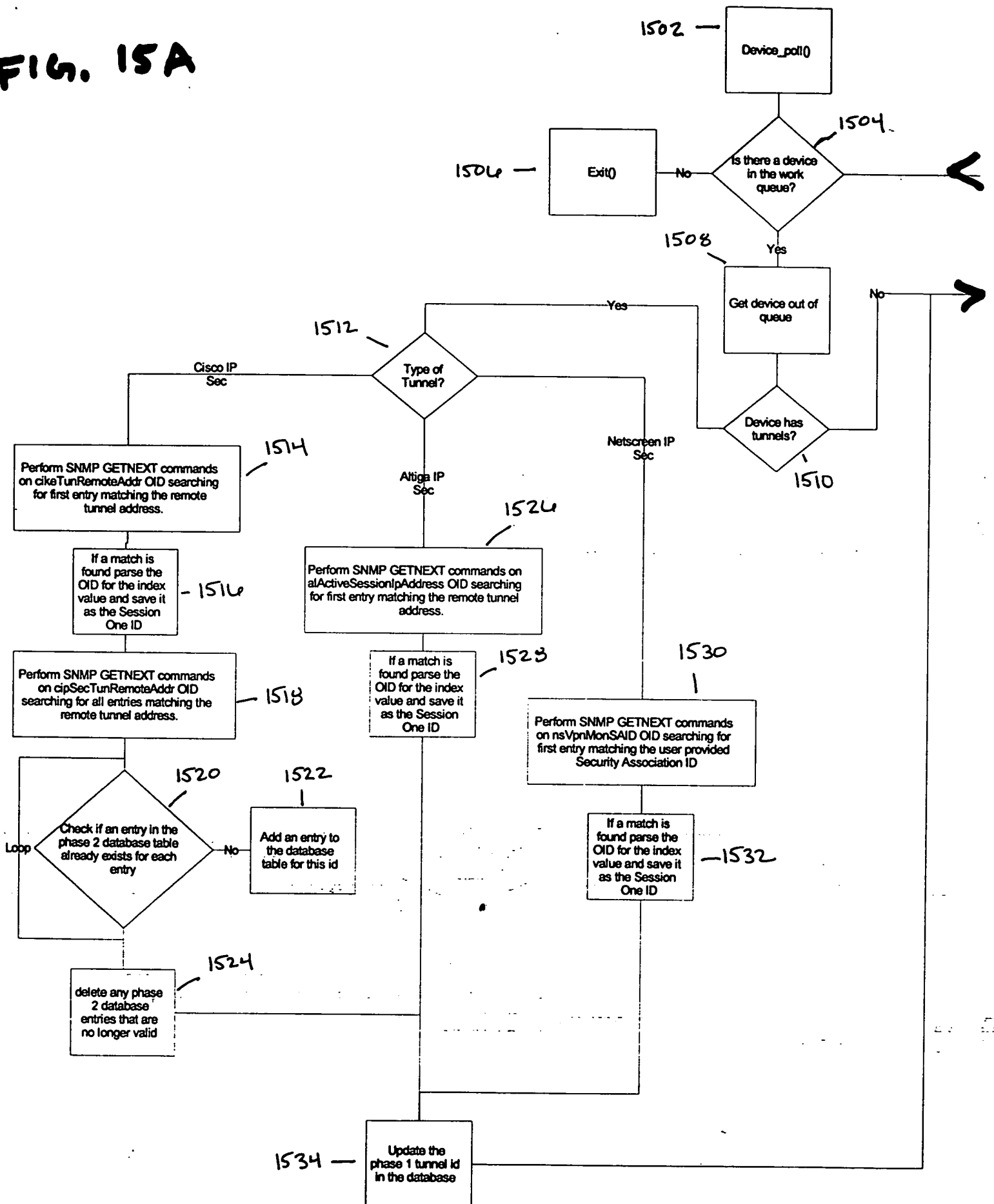
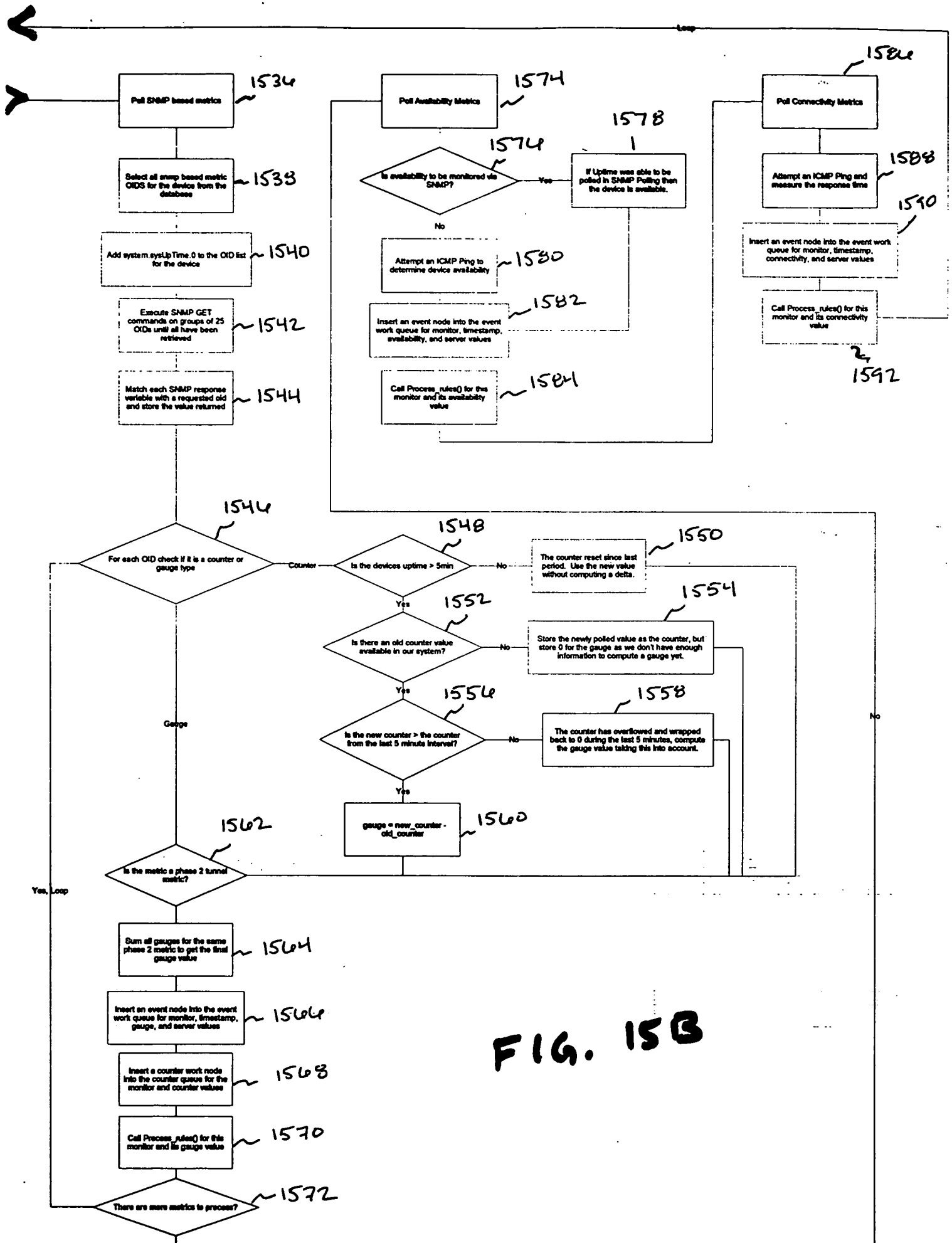


FIG. 14

FIG. 15A





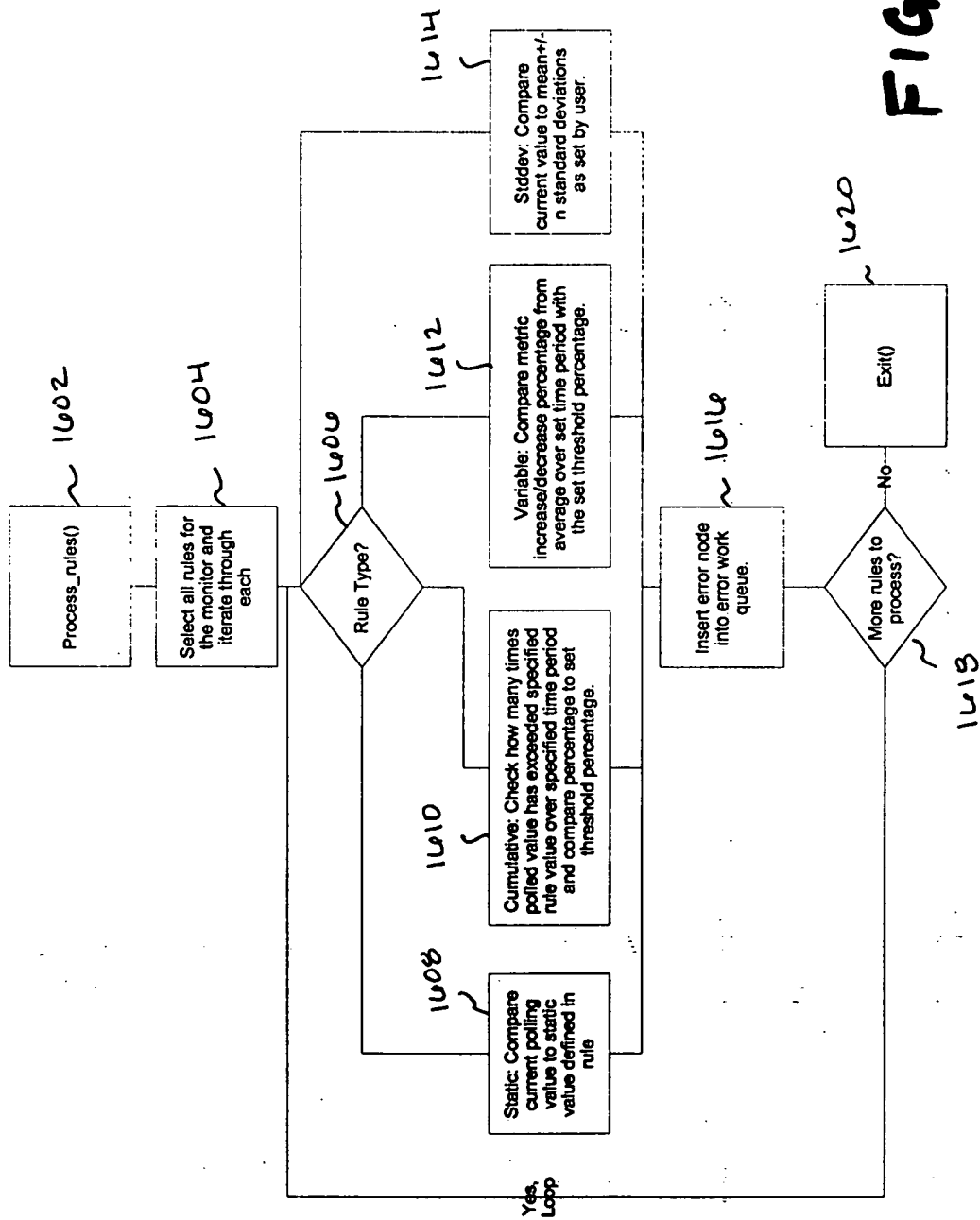


FIG. 16

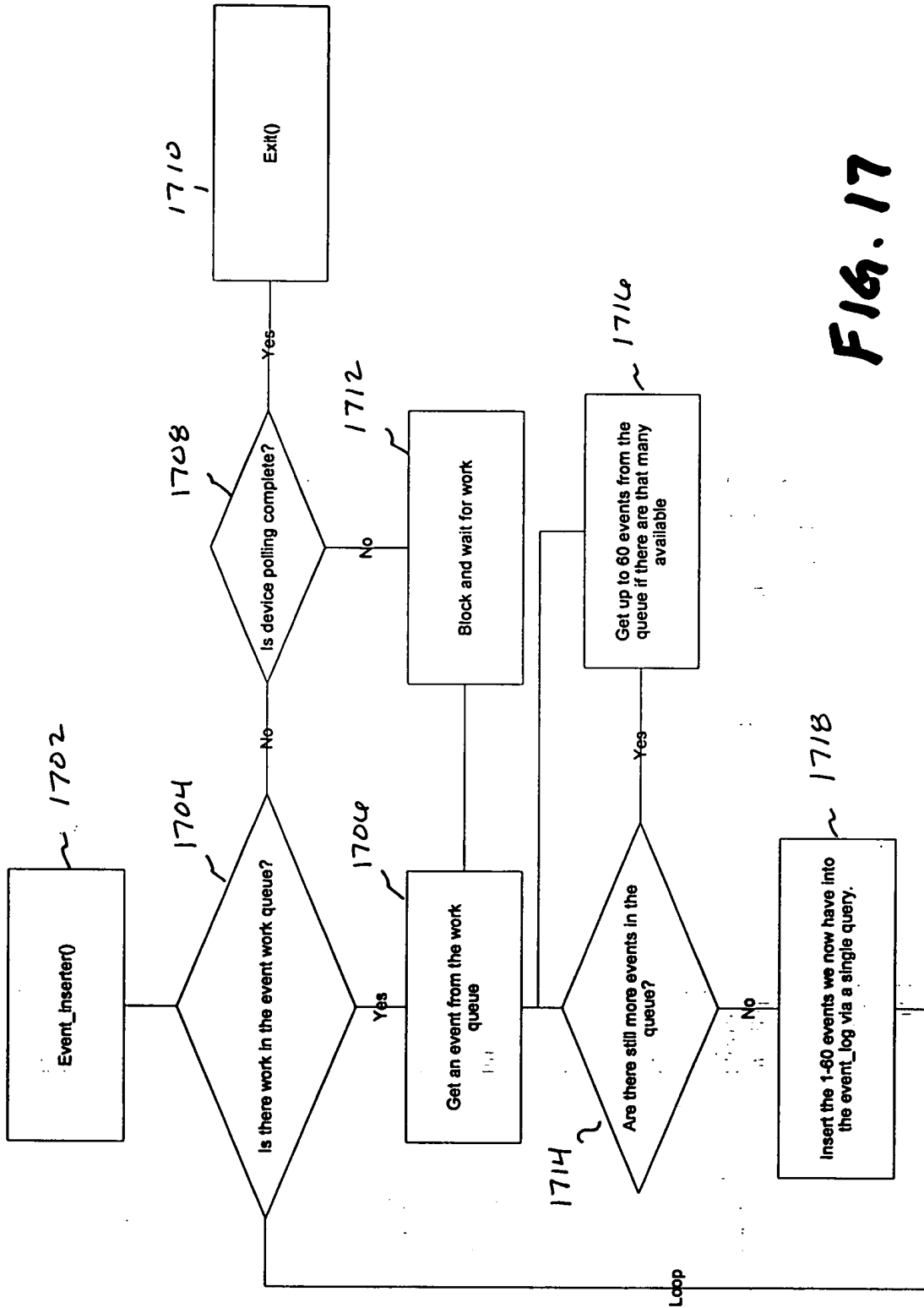


FIG. 17

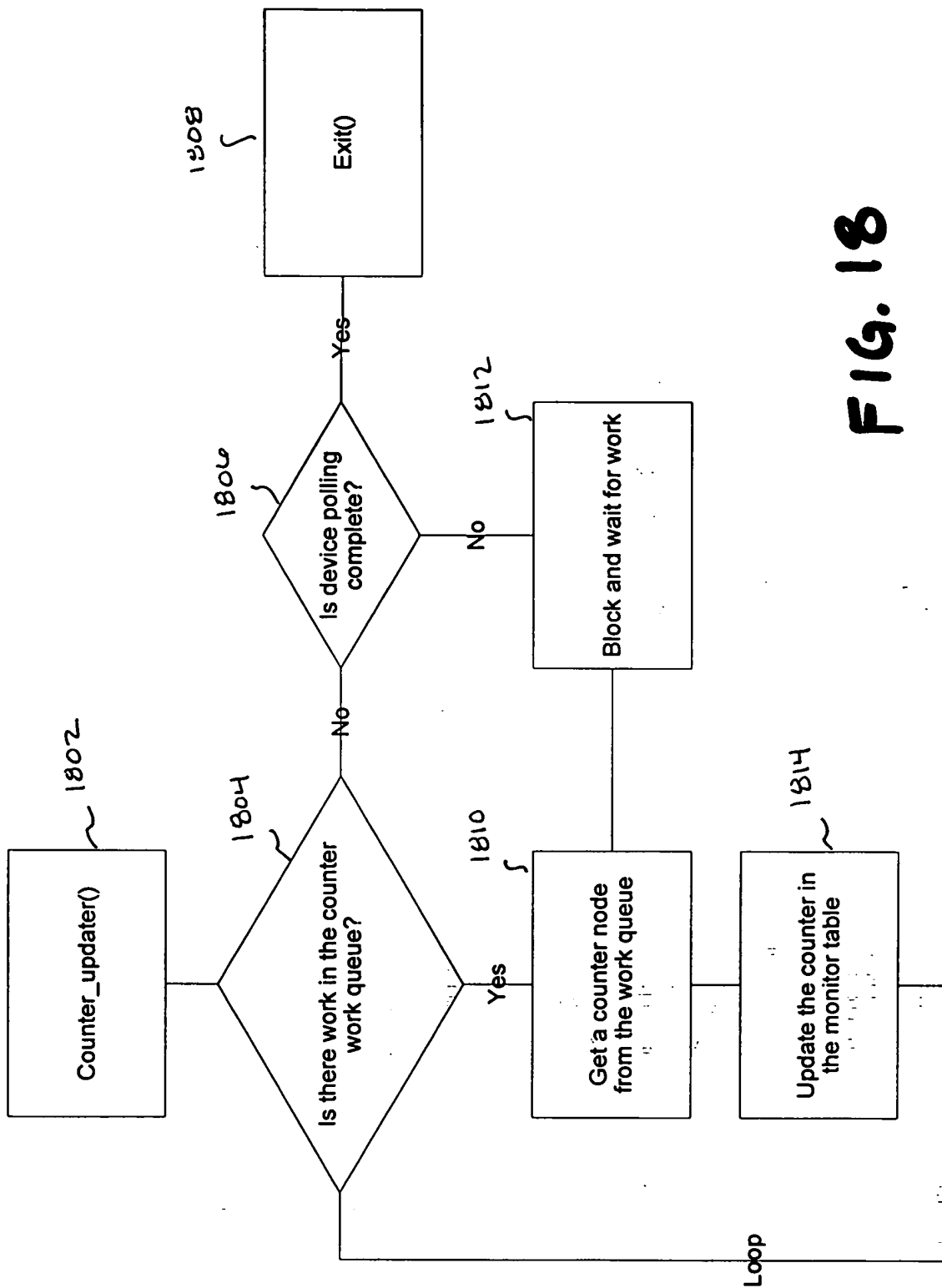
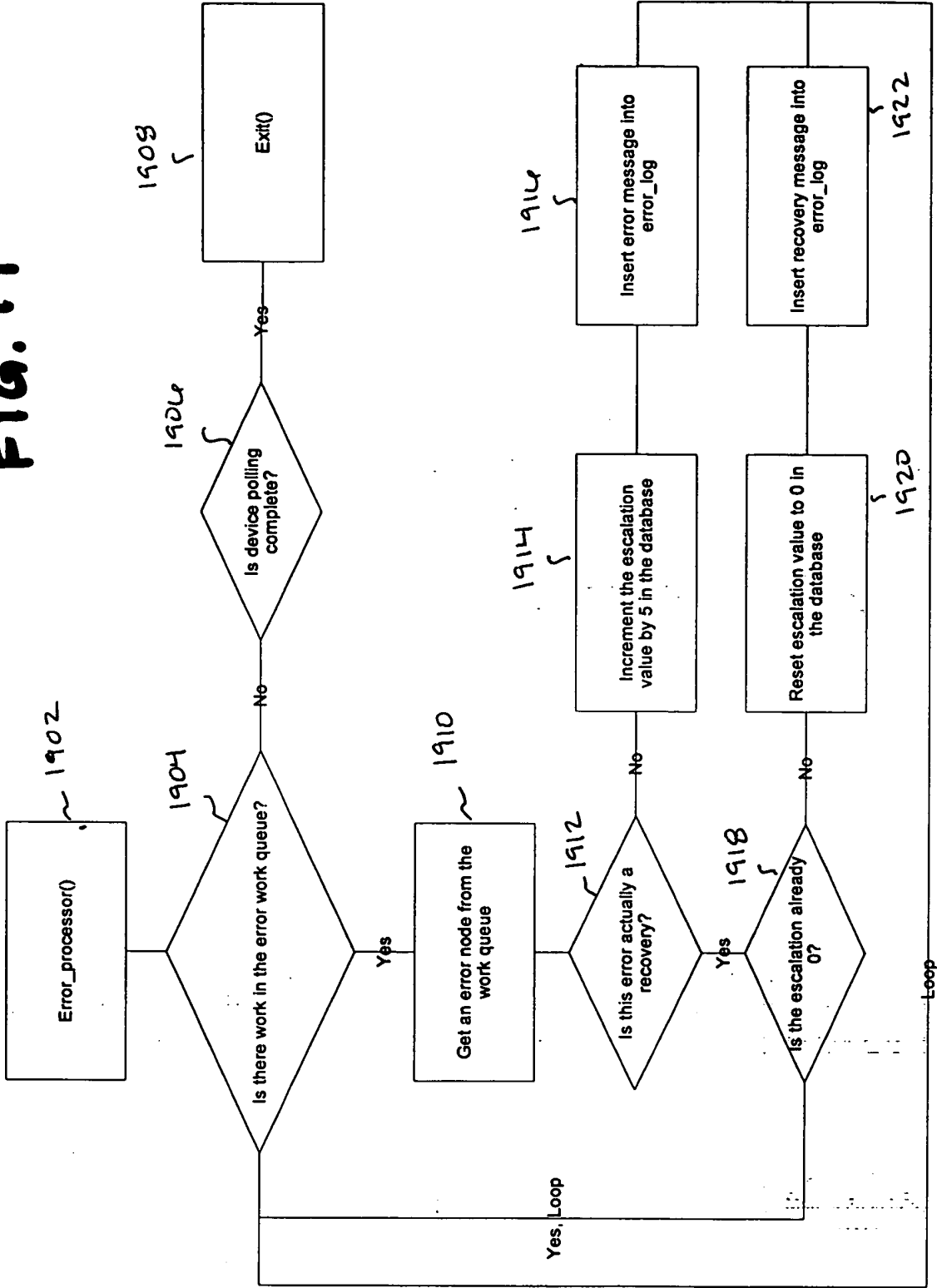


FIG. 18

FIG. 19



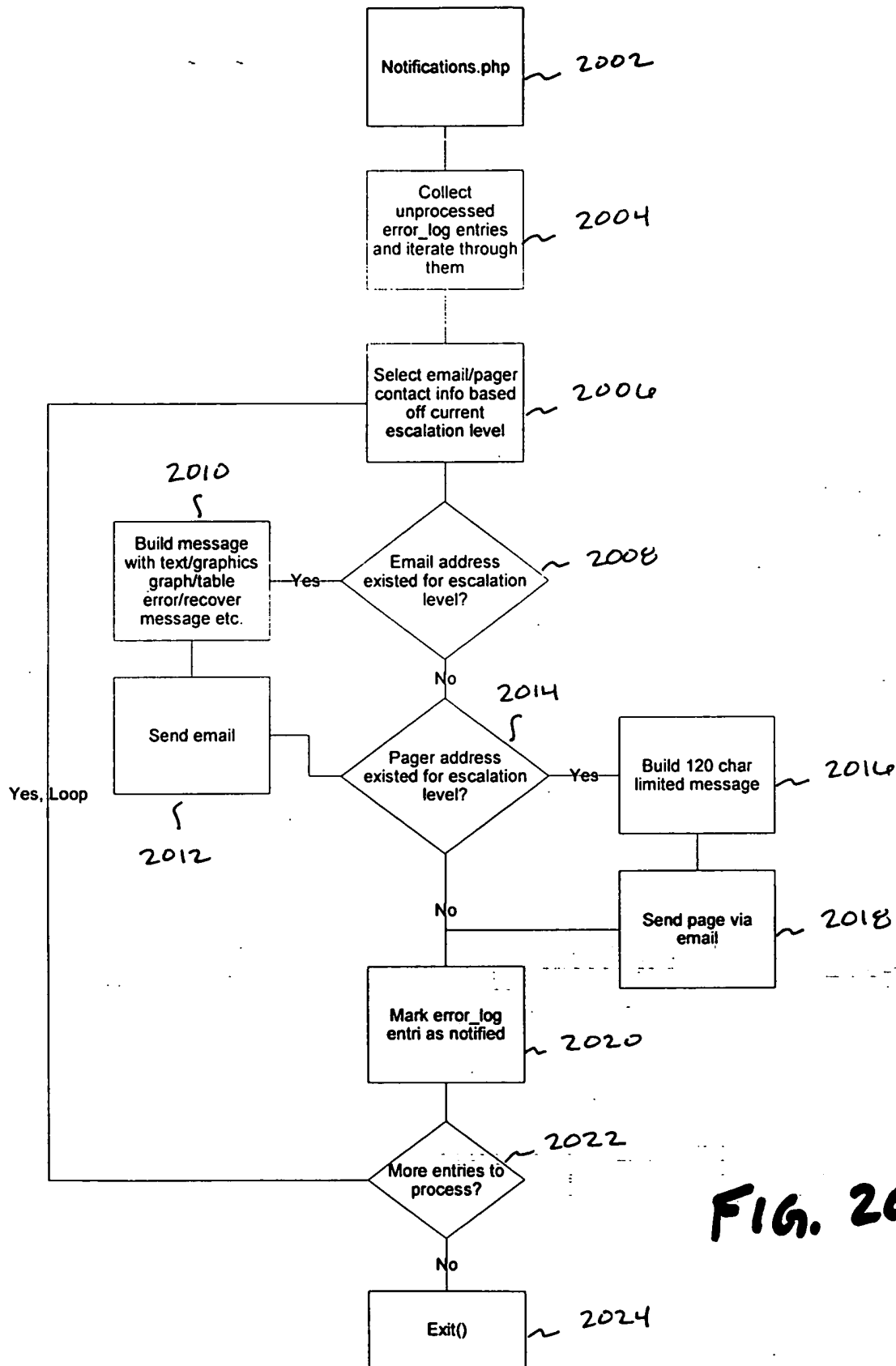
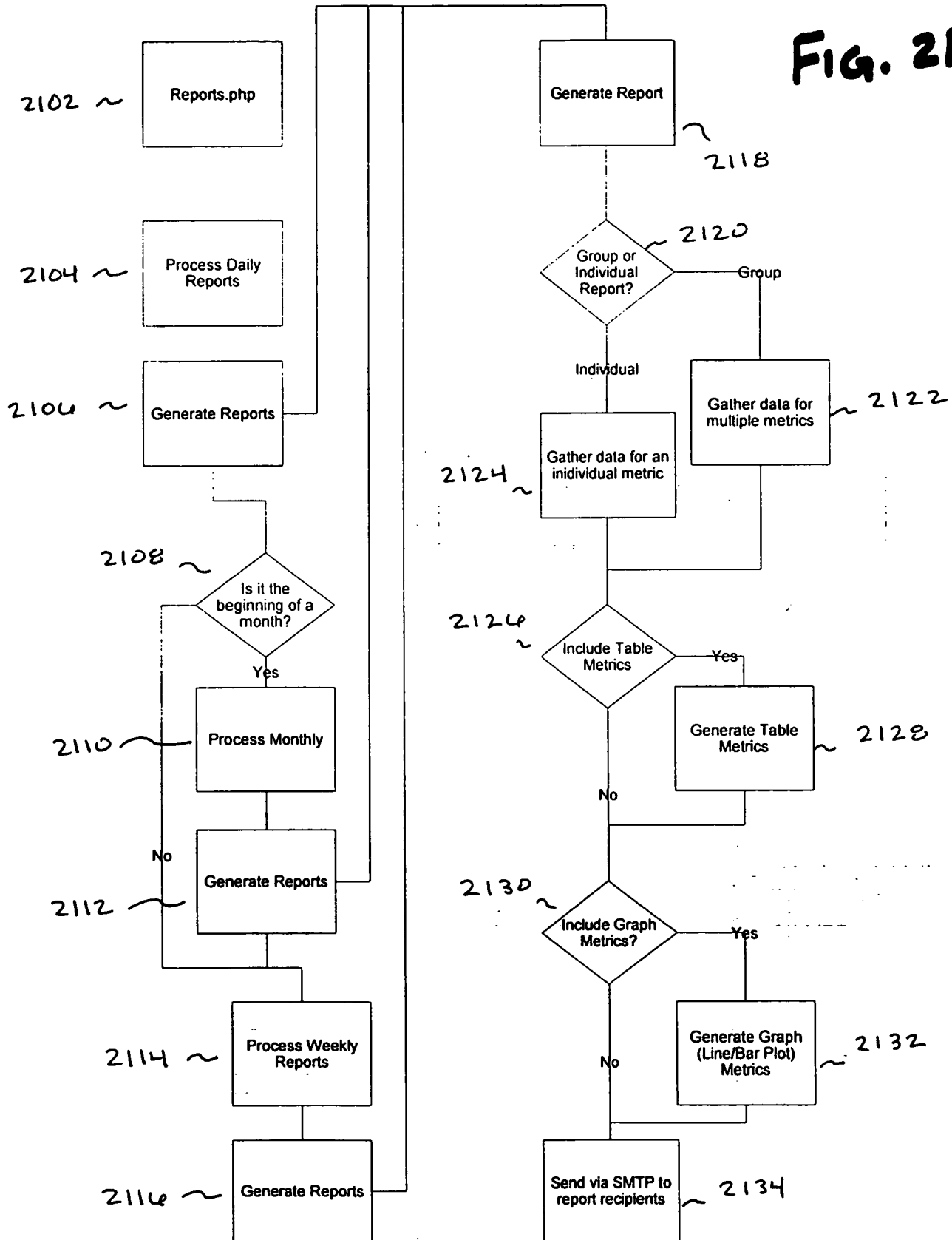


FIG. 20

FIG. 21



Edit Notification Settings

Cisco PIX 501 - Connections

Functionality: ☒ Enabled

WCCP: ☒ Enabled

Thresholds: ☒ Enabled

Static Thresholds: ☒ Enabled

Primary Contact:

Email:

Pager:

Secondary Contact:

Email:

Pager:

Tertiary Contact:

Email:

Pager:

Escalation Delay:

Primary Level: min

Secondary Level: min

Tertiary Level: min

FIG. 25

Static Thresholds

Cisco PIX 501 - CPU Utilization

High (percent):

Low (percent):

FIG. 26

Device Manager

Selected	Alias	IP Address	ISP	Type	Location
<input checked="" type="radio"/>	Cisco Router	64.38.175.161	Verio	Router	Seattle, WA

FIG. 27

Edit Device Attributes

Alias:

IP Address:

ISP:

Type:

Location:

FIG. 28

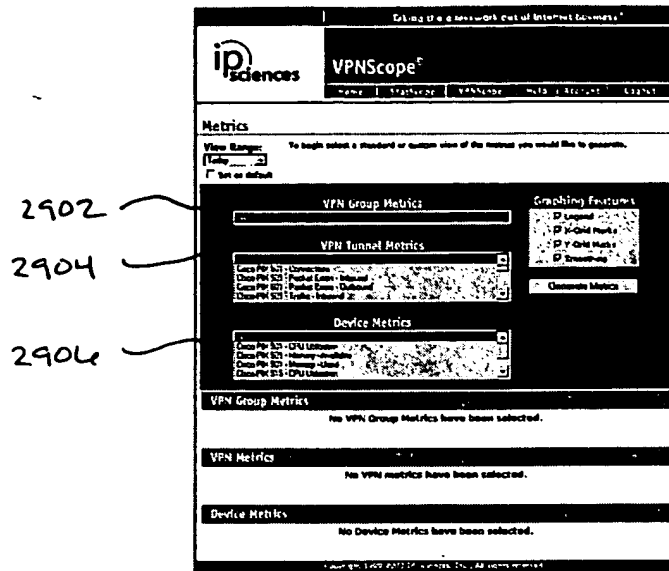


FIG. 29

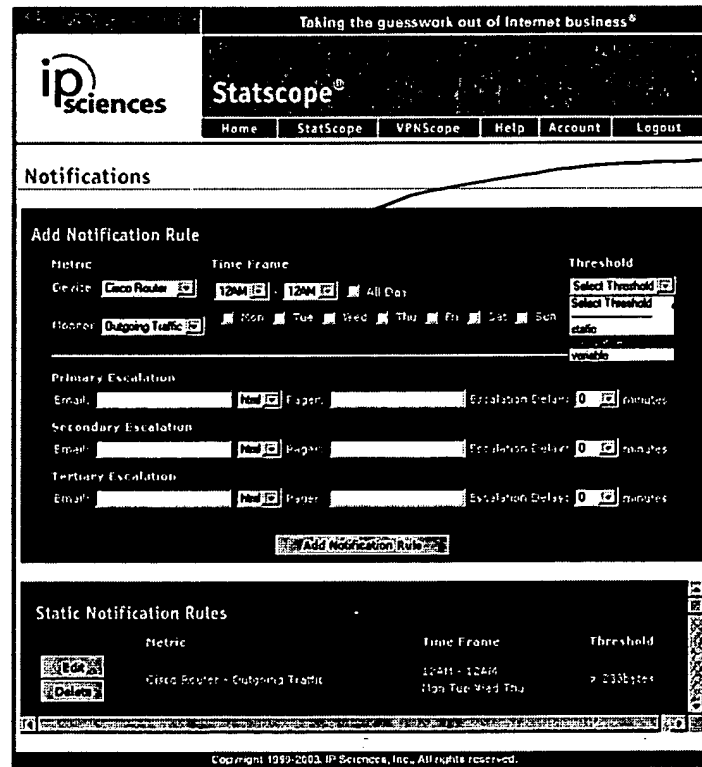


FIG. 30A

Alert Rules

Day(s)	Time	Threshold Type	Threshold	Metric(s)
<input checked="" type="radio"/> All Week	All Day	Cumulative	exceeds 45.00 percent for 40% of polling periods over 15 hours	Orange Router - CPU Utilization
<input type="radio"/> All Week	All Day	Static	exceeds 45.00 percent	Cisco Router - CPU Utilization
<input type="radio"/> All Week	All Day	Variable	increases by a unit value of 13.67 kbps over 14 hours	dev01 - eth3 - Inbound Traffic
<input type="radio"/> All Week	All Day	Variable	increases by a percentage value of 45% over 11 hours	dev01 - interface - Inbound Traffic
				Cisco Router - External - Inbound Traffic
				dev01 - interface - Inbound Traffic

FIG. 30B

Threshold: Static

If metric exceeds 1.75 bps during a polling period.

FIG. 31A

Threshold: Standard Deviation

If current metric's value exceeds mean +/- 1.75 standard deviations as evaluated over the past 14 days

FIG. 31B

Threshold: Variable

If current metric increases by a percentage value of 45 % from the average value calculated over the past ... hours

FIG. 32A

Threshold: Variable

If current metric increases by a unit value of 45 percent from the average value calculated over the past ... hours

FIG. 32B

Threshold: Cumulative

If tunnel is unavailable for 50% of polling periods over 6 days

FIG. 33

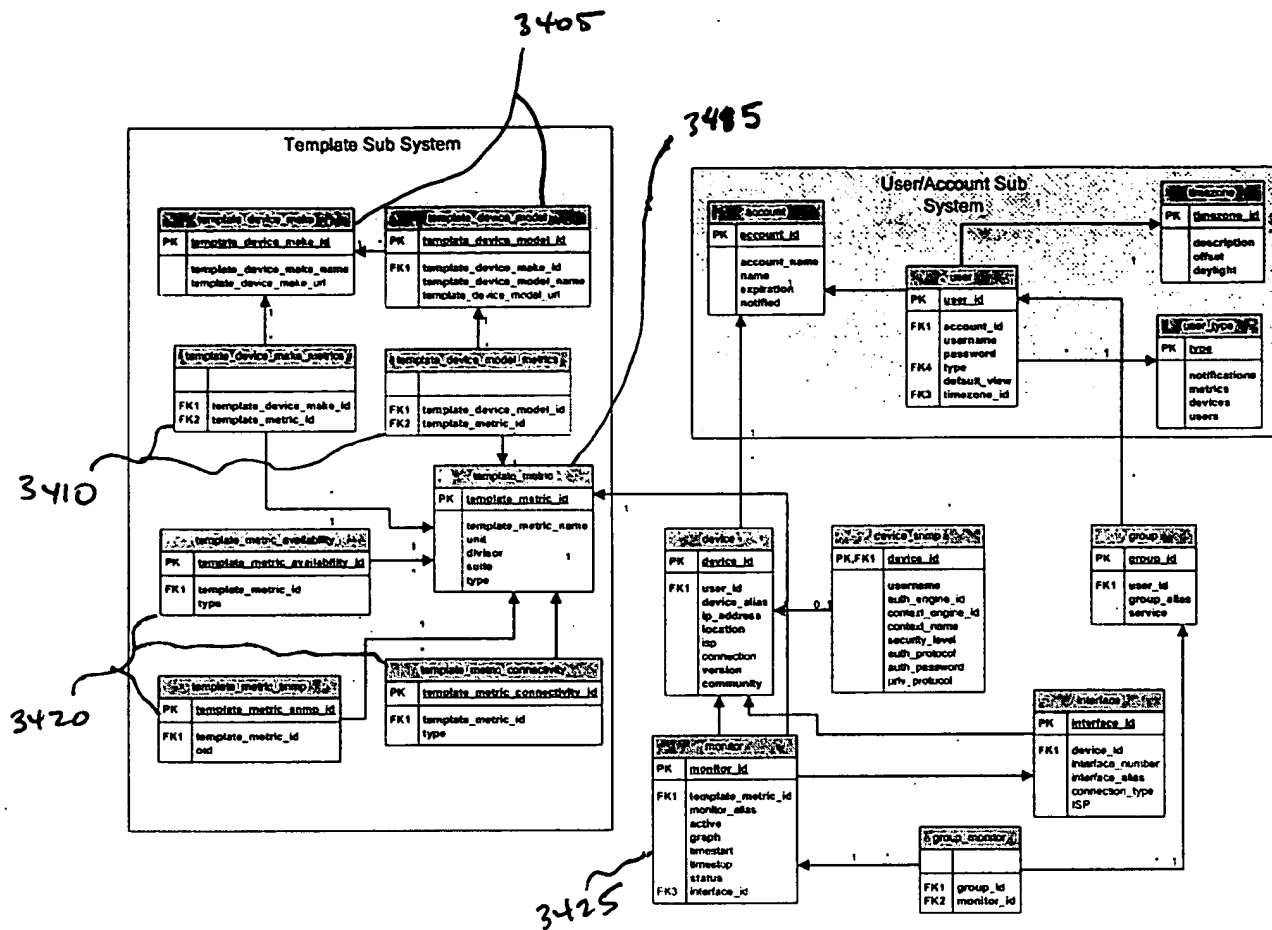


FIG. 34



FIG. 35

3600

Select Devices

- ☐ Device
- ☒ Location
 - ☒ Continent
 - ☒ North America
 - ☐ Country
 - ☒ United States
 - ☐ State
 - ☐ California
 - ☒ Washington
 - ☐ City
 - ☒ Los Angeles
 - ☒ Seattle
 - ☒ Spokane
 - ☐ Building
 - ☒ [Unknown]
 - ☒ C&H Office
 - ☒ Xion Office
 - ☐ Floor/Room
 - ☒ [Unknown]
 - ☒ Basement
- ☐ ISP
 - ☐ Alias
 - ☒ [Unknown]
 - ☒ AT&T
- ☐ Circuit Type
 - ☒ DSL
 - ☒ GIG-E

Select Devices

FIG. 36

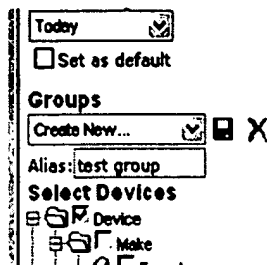


FIG. 39

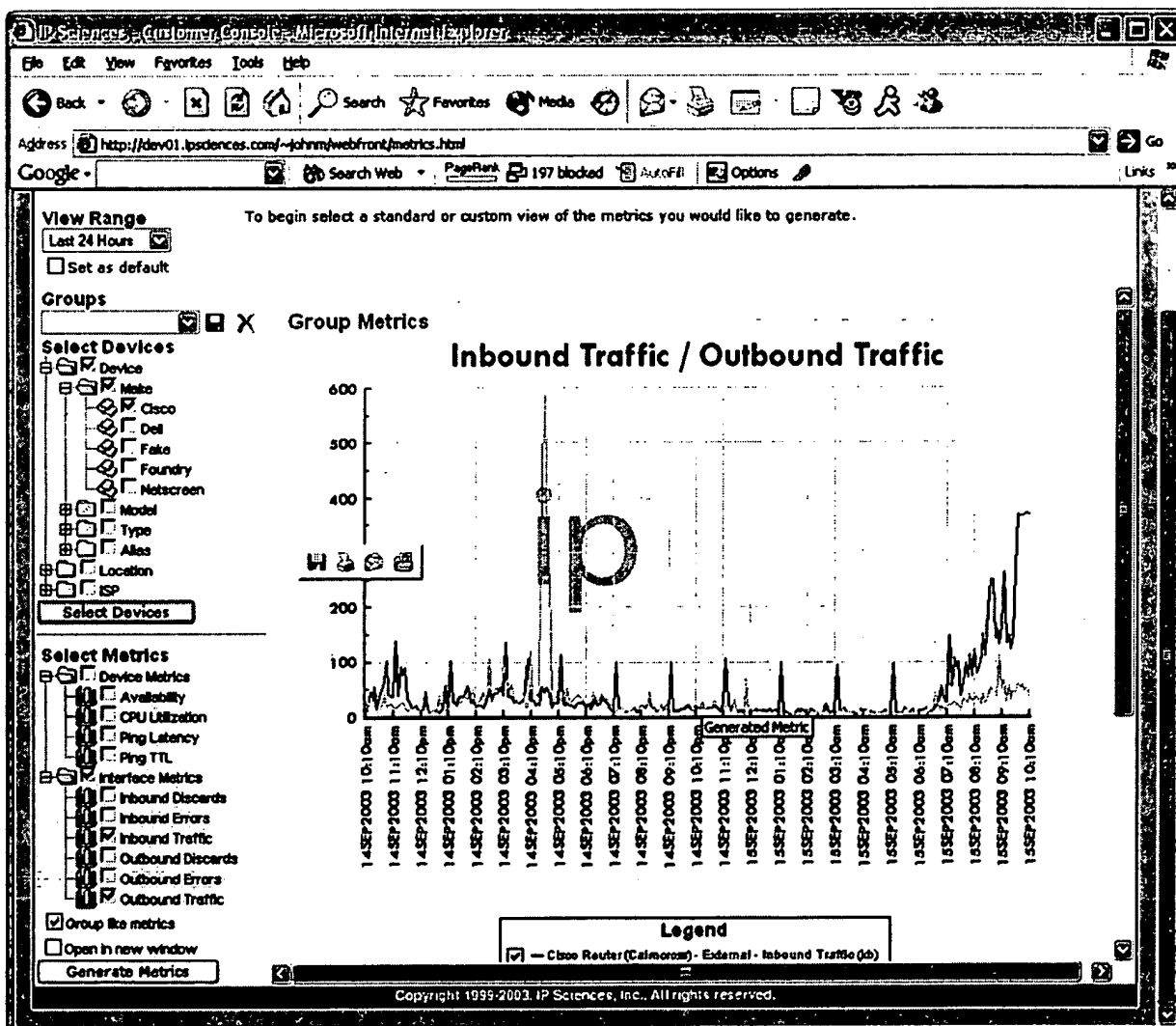


FIG. 40

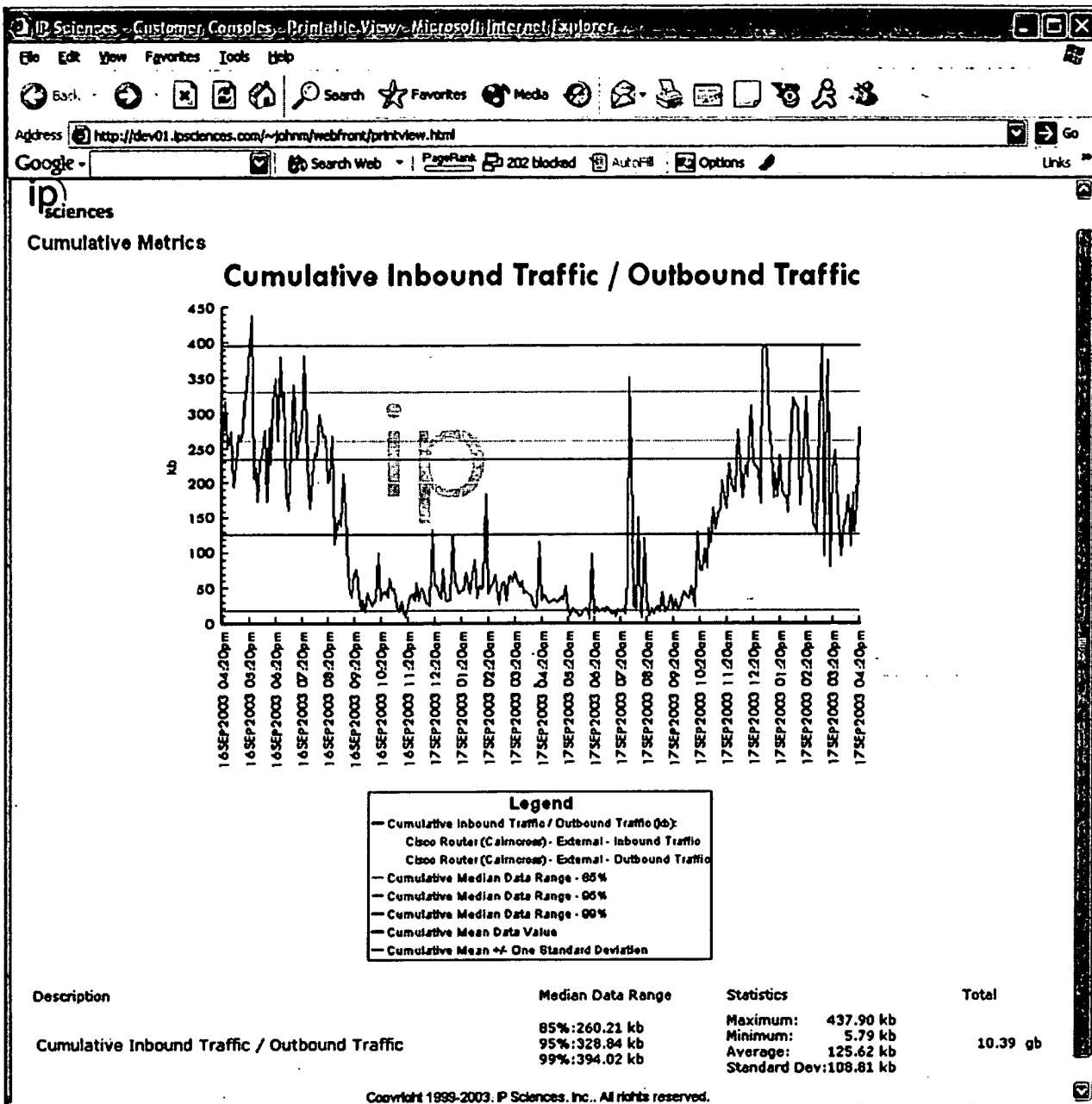


FIG. 41

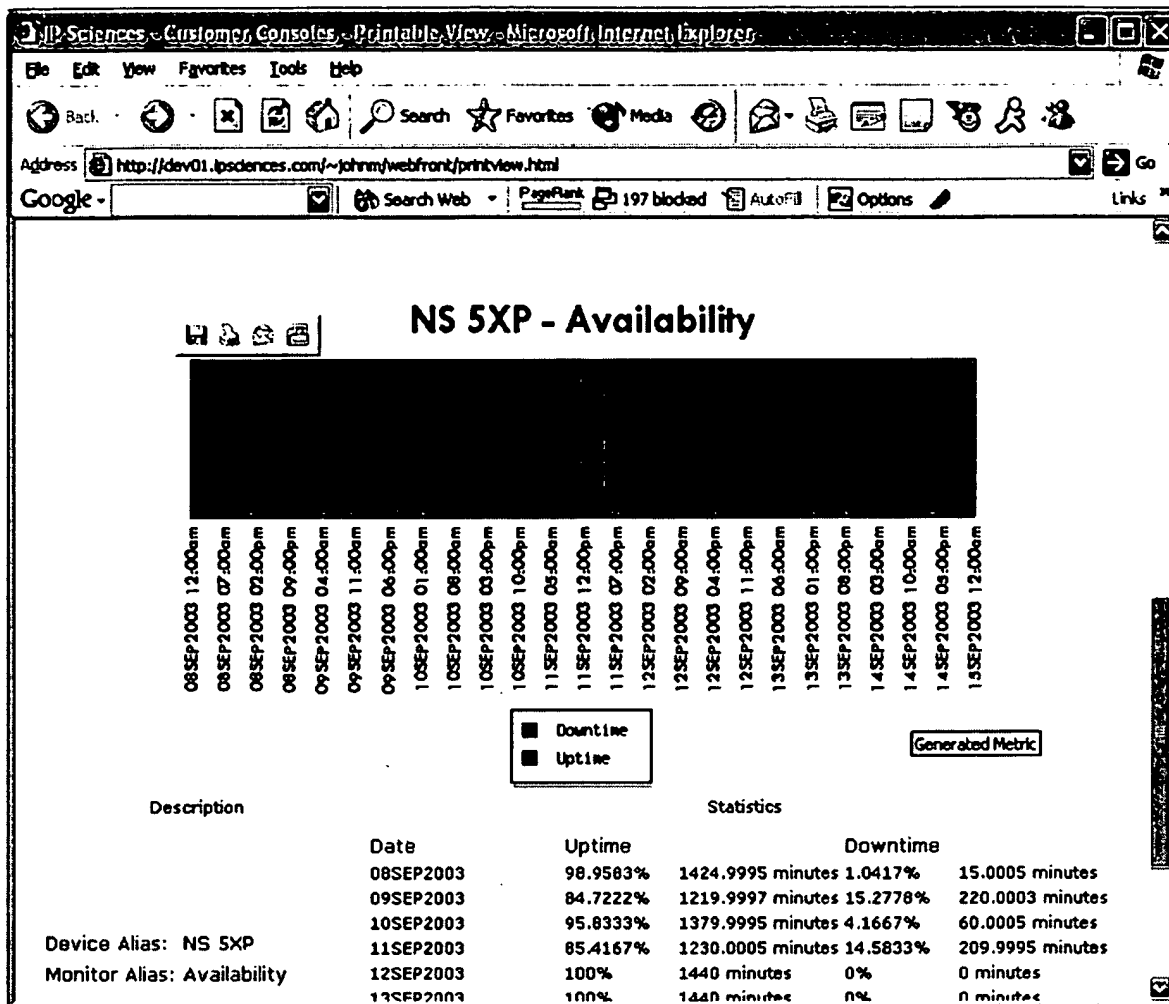


FIG. 42

Sciences - Customer Console - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Mode Print Mail News RSS Feeds

Address http://dev01 Ipsciences.com/~johnn/webfront/notifications.html Go

Google Search Web PageRank 197 blocked AutoFill Options Links

ipsciences **Intelligent. Proactive. Secure.™**

Notifications

Add Alert Rule

Metric Type: ☐ Device ☒ Interface

Metric Alias: ☒

Interfaces:

- ☒ XLON Test Router - 134
- ☒ XLON Test Router - 129
- ☐ Cisco Router (Cairncross) - External
- ☒ dev01 - eth2
- ☒ dev01 - eth3

Time Frame: ☒ 12AM - ☒ 12AM ☐ All Day

Days: ☐ Mon ☐ Tue ☐ Wed ☐ Thu ☐ Fri ☐ Sat ☐ Sun ☐ All Week

Threshold: ☒

If metric ☒ exceeds ☒ mbps during polling period.

Email:

Primary Escalation: Mobile Email:

Escalation Delay: ☒ minutes

FIG. 43

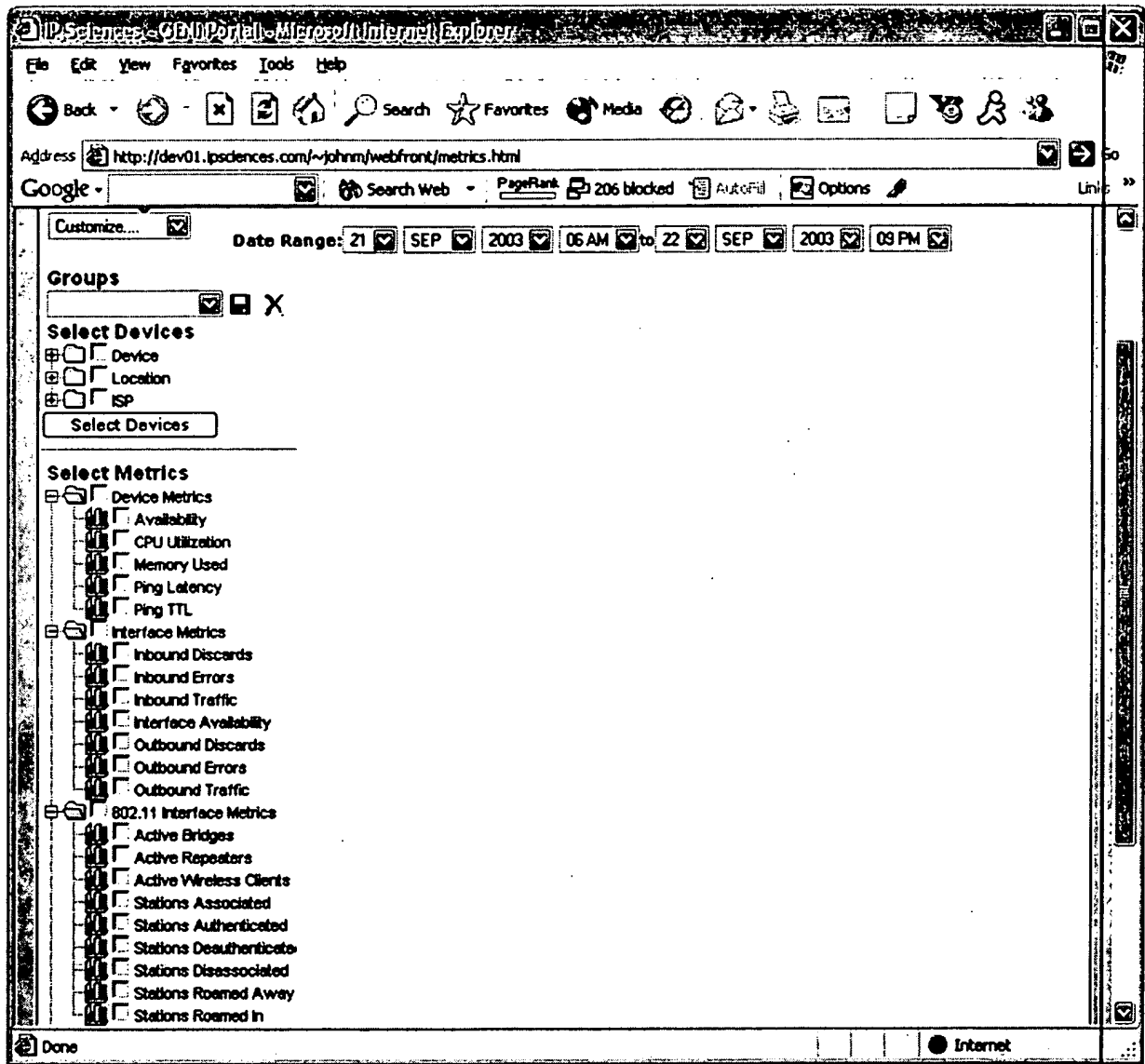


FIG. 44